

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

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1. (currently amended) A method for identifying candidate cancer-specific or cancer-associated antigens, said method comprising consecutively the steps of:
- (a) obtaining ~~the an~~ amino acid ~~sequences~~ sequence of ~~the an~~ extracellular domain of a receptor or receptor-like molecule;
  - (b) mapping hydrophilic regions of the domain by analyzing the amino acid sequence of the domain employing ~~the a~~ rolling sum analysis of 7 consecutive residues;
  - (c) identifying the hydrophilic peptide regions of step (b) that are glycosylated in non-cancerous (normal) cells, but are deglycosylated in cancer cells;
  - (d) locating amino acids that are susceptible to modification in the absence of steric ~~hinderance~~ hindrance by glycoside chains;
  - (e) synthesizing candidate peptides that fit the criteria of steps (a) to (d);
  - (f) labeling the peptides at either end of their amino acid sequence; and
  - (g) testing whether the candidate peptides are cancer-specific or cancer associated.

Claims 2-27 (previously withdrawn)

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